BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Detail Measurements

Name of the Work : **Improvements to Roads and footpath in Ward No. 05, Jakkur**

BRUHATH BANGALORE MAHANAGARAPALIKE
YELAHANKA ZONE
1ST AND FINAL BILL

Name of Work: Improvements to Roads and footpath in Ward No. 05, Jakkur

Work Orde: BBMP/EE/BTP/WO/04/20-21, Dated: 06.05.2020

Job Code: 005-20-000068

Est Cost: 40.00 Lakhs

AS No: - CE(YNK)/AS/108/19-20, Dated:-09.03.2020

TS No: - CE(YNK)/TS/302/19-20, Dated: - 10.03.2020

Name of the Contractor: - K.R Santhosh Kumar

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
1	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification								
	Qty Taken from Pre measurements Item No. 01, Page No. 1&2						**99.00**	**693.10**	**68,617.00**
2	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH								
	Qty Taken from Pre measurements Item No. 2 , Page No. 2						**256.40**	**217.94**	**55,880.00**
3	Removing and resetting of kerb stones								
	Qty Taken from Pre measurements Item No. 03 , Page No. 3						**572.32**	**110.17**	**63,052.00**
4	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.								
	Qty Taken from Pre measurement page Item No. 04 , Page No. 3 & 4						**143.06**	5907.79	**845168.00**
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)								
	For Drains	Sqm	1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	11.50	0.90		10.35		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	17.60	0.90		15.84		
			1	21.30	0.90		19.17		
			1	19.00	0.90		17.10		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	24.00	0.90		21.60		
			1	30.00	0.90		27.00		
			1	26.00	0.90		23.40		
			1	28.00	0.90		25.20		
			1	19.00	0.90		17.10		

500.76

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	15.00	0.90		13.50		
			1	22.00	0.90		19.80		
			1	30.00	0.90		27.00		
			1	32.00	0.90		28.80		
						Present Qty	643.86	2453.38	1579633.00
							143.1		
6	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Culverts Shivashankar Layout 1st Cross	Sqm	1	7.30	1.80		13.14		
	Shivashankar Layout 4th Cross		1	7.60	1.80		13.68		
	Ambedakarnagara 1st Main		1	7.60	1.80		13.68		
	Ambedakarnagara 2nd Main		1	7.60	1.80		13.68		
	Sapthagiri Layout		1	7.60	1.80		13.68		
	Siri Layout 1st Cross Near MRP		1	6.00	1.80		10.80		
	Siri Layout 2nd Cross		1	6.00	1.80		10.80		
	Nirantara Layout		1	4.80	1.80		8.64		
	BSF Road 1st Cross LHS		1	6.80	1.80		12.24		
	BSF Road 1st Cross RHS		1	6.10	1.80		10.98		
	BSF Road 2nd Cross LHS		1	6.90	1.80		12.42		
	BSF Road 2nd Cross RHS		1	7.50	1.80		13.50		
	BSF Road 3rd Cross LHS		1	7.20	1.80		12.96		
	BSF Road 3rd Cross RHS		1	7.40	1.80		13.32		
						Present Qty	173.52		
						Limited to	**172.80**	5687.82	982855.00
7	Providing and fixing **pre cast solid cement concrete kerb stones** made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge.								
	Kerb Stone	Nos	1	26.00			26.00		
			1	18.50			18.50		
			1	28.50			28.50		
			1	15.00			15.00		
			1	26.00			26.00		
			1	29.00			29.00		
							143.00		
						i.e 143.00/0.45	**317.78**	**454.02**	**144277.00**
								Grand Total	**3739482.00**
								12% GST Charges	**448738.00**
								Total Amount	**4188220.00**

Assistant Engineer
Ward No.05

Asst. Executive Engineer
Byatarayanapura Sub division

BRUHATH BANGALORE MAHANAGARAPALIKE
YELAHANKA ZONE
Pre Measurements

Name of Work: Improvements to Roads and footpath in Ward No. 05, Jakkur
Work Orde: BBMP/EE/BTP/WO/04/20-21, Dated: 06.05.2020
Job Code: 005-20-000068
Est Cost: 40.00 Lakhs
AS No: - CE(YNK)/AS/108/19-20, Dated:-09.03.2020
TS No: - CE(YNK)/TS/302/19-20, Dated: - 10.03.2020
Name of the Contractor: - K.R Santhosh Kumar

Sl No	Description of work	Unit	Mesurement				Qty
			No.	L	B	D	
1	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification						
	Bagalur Main Road up to SLV Hotel	Cum	1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	11.50	0.90	0.10	1.04
			1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	17.60	0.90	0.10	1.58
			1	21.30	0.90	0.10	1.92
			1	19.00	0.90	0.10	1.71
			1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	24.00	0.90	0.10	2.16
			1	30.00	0.90	0.10	2.70
			1	26.00	0.90	0.10	2.34
			1	28.00	0.90	0.10	2.52
			1	19.00	0.90	0.10	1.71
			1	30.00	0.90	0.10	2.70
			1	30.00	0.90	0.10	2.70
			1	15.00	0.90	0.10	1.35
			1	22.00	0.90	0.10	1.98
			1	30.00	0.90	0.10	2.70
			1	32.00	0.90	0.10	2.88
	Culverts Shivashankar Layout 1st Cross		1	7.30	1.80	0.20	2.63
	Shivashankar Layout 4th Cross		1	7.60	1.80	0.20	2.74
	Ambedakarnagara 1st Main		1	7.60	1.80	0.20	2.74
	Ambedakarnagara 2nd Main		1	7.60	1.80	0.20	2.74
	Sapthagiri Layout		1	7.60	1.80	0.20	2.74
	Siri Layout 1st Cross Near MRP		1	6.00	1.80	0.20	2.16
	Siri Layout 2nd Cross		1	6.00	1.80	0.20	2.16
	Nirantara Layout		1	4.80	1.80	0.20	1.73
	BSF Road 1st Cross LHS		1	6.80	1.80	0.20	2.45
	BSF Road 1st Cross RHS		1	6.10	1.80	0.20	2.20

Sl	Description of work	Unit	Mesurement				Qty
			No.	L	B	D	
	BSF Road 2nd Cross LHS		1	6.90	1.80	0.20	2.48
	BSF Road 2nd Cross RHS		1	7.50	1.80	0.20	2.70
	BSF Road 3rd Cross LHS		1	7.20	1.80	0.20	2.59
	BSF Road 3rd Cross RHS		1	7.40	1.80	0.20	2.66
						Present Qty	**99.09**
						Limited to	**99.00**

12/6/20

10.43

Assistant Engineer
Ward No.05

Asst. Executive Engineer,
Byatarayanapura Sub division

2	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH						
	Desilting of Drains	Cum	1	30.00	0.60	0.50	9.00
			1	30.00	0.60	0.50	9.00
			1	11.50	0.60	0.50	3.45
			1	30.00	0.60	0.50	9.00
			1	30.00	0.60	0.50	9.00
			1	30.00	0.60	0.50	9.00
			1	30.00	0.60	0.50	9.00
			1	17.60	0.60	0.50	5.28
			1	21.30	0.60	0.50	6.39
			1	19.00	0.60	0.50	5.70
			1	30.00	0.60	0.50	9.00
			1	30.00	0.60	0.50	9.00
			1	30.00	0.60	0.50	9.00
			1	30.00	0.60	0.50	9.00
			1	30.00	0.60	0.50	9.00
			1	30.00	0.60	0.50	9.00
			1	24.00	0.60	0.50	7.20
			1	30.00	0.60	0.50	9.00
			1	26.00	0.60	0.50	7.80
			1	28.00	0.60	0.50	8.40
			1	19.00	0.60	0.50	5.70
			1	30.00	0.60	0.55	9.90
			1	30.00	0.60	0.55	9.90
			1	15.00	0.60	0.55	4.95
			1	22.00	0.60	0.55	7.26
			1	30.00	0.60	0.55	9.90
			1	32.00	0.60	0.55	10.56
	For Road Cutting Portion Ambedakar Colony 1st Cross		1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	19.00	0.75	0.15	2.14
	For Road Cutting Portion Ambedakar Colony 2nd Cross		1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	19.00	0.75	0.15	2.14
	For Road Cutting Portion Ambedakar		1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	30.00	0.75	0.15	3.38
			1	21.00	0.75	0.15	2.36
						Present Qty	**256.40**

Assistant Engineer

Asst. Executive Engineer,

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty
	Ward No.05						Byatarayanapura Sub division
3	Removing and resetting of kerb stones						
	For Kerb Stone	Mtrs	1	30.00			30.00
			1	30.00			30.00
			1	11.50			11.50
			1	30.00			30.00
			1	30.00			30.00
			1	30.00			30.00
			1	30.00		191.5	30.00
			1	17.60			17.60
			1	21.30			21.30
			1	19.00			19.00
			1	30.00			30.00
			1	30.00			30.00
			1	30.00			30.00
			1	30.00		177.9	30.00
			1	30.00			30.00
			1	30.00			30.00
			1	24.00			24.00
			1	30.00		114.00	30.00
			1	26.00			26.00
			1	28.00		73.00	28.00
			1	19.00			19.00
			1	30.00			30.00
			1	30.00			30.00
			1	15.00			15.00
			1	22.00			22.00
			1	30.00			30.00
			1	32.00		159.00	32.00
							715.40
	Deduction 20% Missing Slabs Qty						**143.08**
						Present Qty	**572.32**

30/6/20

Assistant Engineer
Ward No.05

Asst. Executive Engineer,
Byatarayanapura Sub division

4	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.						
	Cooping	Cum	1X2	30.00	0.20	0.10	1.20
			1X2	30.00	0.20	0.10	1.20
			1X2	11.50	0.20	0.10	0.46
			1X2	30.00	0.20	0.10	1.20
			1X2	30.00	0.20	0.10	1.20
			1X2	30.00	0.20	0.10	1.20
			1X2	30.00	0.20	0.10	1.20
			1X2	17.60	0.20	0.10	0.70
			1X2	21.30	0.20	0.10	0.85
			1X2	19.00	0.20	0.10	0.76
			1X2	30.00	0.20	0.10	1.20
			1X2	30.00	0.20	0.10	1.20
			1X2	30.00	0.20	0.10	1.20
			1X2	30.00	0.20	0.10	1.20
			1X2	30.00	0.20	0.10	1.20
			1X2	24.00	0.20	0.10	0.96

10/7/20

8.92
18.13

Description of work	Unit	Mesurement				Qty
		No.	L	B	D	
		1X2	30.00	0.20	0.10	1.20
		1X2	26.00	0.20	0.10	1.04
		1X2	28.00	0.20	0.10	1.12
		1X2	19.00	0.20	0.10	0.76
		1X2	30.00	0.20	0.10	1.20
		1X2	30.00	0.20	0.10	1.20
		1X2	15.00	0.20	0.10	0.60
		1X2	22.00	0.20	0.10	0.88
		1X2	30.00	0.20	0.10	1.20
		1X2	30.00	0.20	0.10	1.20
		1X2	2.00	0.20	0.10	0.08
For Road Cutting Portion Ambedakar Colony 1st Cross		1	30.00	0.75	0.15	3.38
		1	30.00	0.75	0.15	3.38
		1	30.00	0.75	0.15	3.38
		1	19.00	0.75	0.15	2.14
For Road Cutting Portion Ambedakar Colony 2nd Cross		1	30.00	0.75	0.15	3.38
		1	30.00	0.75	0.15	3.38
		1	30.00	0.75	0.15	3.38
		1	19.00	0.75	0.15	2.14
For Road Cutting Portion Ambedakar Colony 3rd Cross		1	30.00	0.75	0.15	3.38
		1	30.00	0.75	0.15	3.38
		1	21.00	0.75	0.15	2.36
Ramp for Culverts		2	7.30	1.80	0.30X0.15	5.26
					2	
		2	7.60	1.80	0.30X0.15	6.16
					2	
		2	7.60	1.80	0.30X0.15	6.16
					2	
		2	7.60	1.80	0.30X0.15	6.16
					2	
		2	7.60	1.80	0.30X0.15	6.16
					2	
		2	6.00	1.80	0.30X0.15	4.86
					2	
		2	6.00	1.80	0.30X0.15	4.86
					2	
		2	4.80	1.80	0.30X0.15	3.89
					2	
		2	6.80	1.80	0.30X0.15	5.51
					2	
		2	6.10	1.80	0.30X0.15	4.94
					2	
		2	6.90	1.80	0.30X0.15	5.59
					2	
		2	7.50	1.80	0.30X0.15	6.08
					2	
		2	7.20	1.80	0.30X0.15	5.83
					2	
		2	7.40	1.80	0.30X0.15	5.99
					2	
					Present Qty	**143.06**

15/7/20

Assistant Engineer
Ward No.05

Asst. Executive Engineer,
Byatarayanapura Sub division